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PATENT APPLICATION

Attorney Docket No. 07589.0119.PCUS00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: HÄGGANDER, Jan *et al.*
SERIAL NO.: 10/604,327 **GROUP ART UNIT:** 3641
FILED: 07/11/2003 **EXAMINER:** Unknown
ENTITLED: ROCKET ENGINE MEMBER AND A METHOD FOR MANUFACTURING A
ROCKET ENGINE MEMBER

Office of Initial Patent Examination's
FILING RECEIPT CORRECTIONS
United States Patent and Trademark Office
Alexandria, VA 22313-1450

(Via Facsimile – 7 sheets)

REQUEST FOR CORRECTION TO FILING RECEIPT

We are attaching a marked-up copy of the FILING RECEIPT for the above referenced Patent Application. In our review of the document, we note missing *Domestic Priority* data.

Please consider this Applicants' formal request for correction of the *Domestic Priority* data to read as follows:

**This application is a CON of PCT/SE02/00026 01/09/2002
which claims benefit of 60/261,044 01/11/2001**

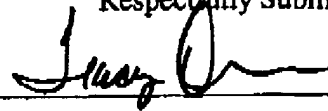
Also attached, please find a copy of the Declaration/Power of Attorney that was filed electronically with the present patent application on 11 July 2003 AND a copy of the 1st page of corresponding International Application No. PCT/SE02/00026 to serve as verification for entry of the above.

Please contact the undersigned representative in the event that a telephone conference can resolve any remaining issues in this application or hasten its progression towards Examination.

Dated: 4 Nov. '04

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Date Mailed: 09/30/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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Domestic Priority data as claimed by applicant

This application is a CON of PCT/SE02/00026 01/09/2002

which claims benefit of 60/261,044 01/11/2001

Foreign Applications

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60/261,044 11 January 2001 (11.01.2001) US(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.(71) Applicant (*for all designated States except US*): VOLVO AERO CORPORATION [SE/SE]; S-461 81 Trollhättan (SE).(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TO).

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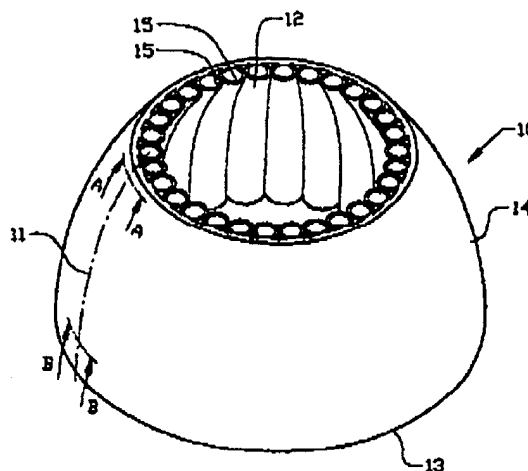
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— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ROCKET ENGINE MEMBER AND A METHOD FOR MANUFACTURING A ROCKET ENGINE MEMBER



(57) Abstract: The invention relates to a liquid fuel rocket engine member (10). The member forms a body of revolution having an axis of revolution having an axis of revolution and a cross section that varies in diameter along said axis. The wall structure comprises a plurality of cooling channels (11). The outside of the wall structure includes a continuous sheet metal wall (14). The cooling channels (11) are longitudinally attached to the inside of the sheet metal wall. A method for manufacturing the rocket engine member (10) includes the steps of forming a sheet metal wall (14) having a wall section corresponding to the desired nozzle section, providing a plurality of channel members (15), and attaching the channel members (15) to the inside of the sheet metal wall (14).

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